PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hiroyuki MOCHIZUKI et al.

Application No.: New U.S. National Stage of PCT/JP2004/015564

Filed: March 20, 2006 Docket No.: 127380

For: ORGANIC ELECTROLUMINESCENT ELEMENT AND MANUFACTURING METHOD THEREOF

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.

☒ 2. Relevance of one or more non-English language reference is discussed in the present specification. See References 3-8.

☒ 3. One or more reference cited herein was cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information. See References 9-15.

☒ 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.

☒ 5. An English language Abstract of one or more non-English language reference is attached hereto. See References 3 & 5-8.

☒ 6. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and is attached, but has not been reviewed for accuracy. See References 6-8.

☒ 7. Reference 1 corresponds to reference 9. Reference 2 corresponds to reference 10.

Respectfully submitted,

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Form PTO-1449 (REV. 1/06)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 127380	APPLICATION NO. New U.S. National Stage of PCT/JP2004/015564
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Hiroyuki MOCHIZUKI et al.	
		FILING DATE March 20, 2006	

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Date	Name
	1	2004/0195206 A1	10/07/2004	HIRAGA et al.
	2	2002-0106531 A1	08/08/2002	NAITO

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
	3	JP A 59-194393	11/05/1984	JAPAN	X	
	4	WO 90/13148	11/01/1990	WIPO		
	5	JP A 3-244630	10/31/1991	JAPAN	X	
	6	JP A 2001-26884	01/30/2001	JAPAN	X	X
	7	JP A 2001-3195	01/09/2001	JAPAN	X	X
	8	JP A 2000-281821	10/10/2000	JAPAN	X	X
	9	EP 1 179 558 A1	02/13/2002	EUROPE		
	10	EP 1 220 341 A2	07/03/2002	EUROPE		
	11	EP 1 143 773 A1	10/10/2001	EUROPE		

OTHER DOCUMENTS

Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)
	12	CAO et al; "Improved quantum efficiency for electroluminescence in semiconducting polymers"; Nature; Vol. 397; February 4, 1999; XP008043621; pp. 414-417
	13	YANG et al; "Effects of alternate doped structures on organic electroluminescent devices"; Thin Solid Films; XP004351364; pp. 206-210
	14	FUJII et al; "Emission enhancement in electroluminescent diode utilizing poly(3-alkylthiophene) doped with oxadiazole derivative; Journal of Physics D: Applied Physics; XP000543465; pp. 2135-2138
	15	CHUNG et al; "Highly Efficient Light-Emitting Diodes Based on an Organic-Soluble Poly(*p*-phenylenevinylene) Derivative Carrying the Electron-Transporting PBD Moiety"; Advanced Materials; Vol. 10, No. 14; 1998; XP000781875; pp.1112-1116

EXAMINER	DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: March 20, 2006